Program Strategy Environmental Services Dept Environmental Health

DESIRED FUTURE

## **GOAL** 5 - Environmental Protection and Enhancement

### **Desired Community Condition(s)**

- 29. Air, land and water systems protect health and safety.
- 30. Water resources are sustainably managed, conserved and protected to provide a long-term supply and drought reserve.

#### Measures of Outcome, Impact or Need

## Drinking water meets Federal Regulations Groundwater meets NM Water Quality standards

#### PROGRAM STRATEGY RESPONSI

## Strategy Purpose

Protection of the environment, health and safety of citizens through landfill monitoring, characterization and remediation; regional groundwater monitoring and protection; collection of household hazardous waste and responding to incidents of abandoned hazardous waste.

## **Key Work Performed**

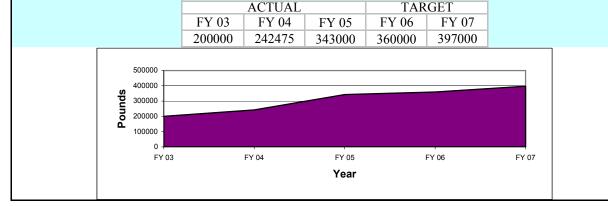
- Review development projects for landfill gas safety measures near landfills
- Monitor regional groundwater
- Ensure environmental compliance for all City fuel storage tanks or petroleum storage tanks
- Issue liquid waste permits for septic systems installed within City limits
- Monitor groundwater and gas in connection with City landfills
- Perform regional groundwater monitoring of over 100 wells City-wide
- Characterize and remediate contamination at landfills
- Develop landfill gas-to-energy projects
- · Administer household hazardous waste collection and abandoned hazardous waste

#### **Planned Initiatives and Objectives**

OBJECTIVE 5. Monitor performance and effectiveness of the Los Angeles landfill groundwater remediation and landfill gas-to-energy systems and report progress to the Mayor and City Council by the end of FY07.

OBJECTIVE 9. Coordinate development of plans in each City department to reduce water use. Evaluate existing goals and strategies and monitor outcomes to assure the overall city institutional water usage is reduced by 3%. Report results

Accelerating IMprovement (AIM)	Why is this measure important?					
collected	Increasing the amount of household hazardous waste collected will reduce the amount entering the landfill or disposed of directly into the environment.					
AIM POINTS						



Total Program Strategy Inputs		Actual	Actual	Actual	Approved	Mid-year	Proposed
	Fund	FY 03	FY 04	FY 05	FY 06	FY 06	FY 07
Full Time Employees	General 110	16	8	8	7	7	7
Budget (in 000's of dollars)	General 110	1,164	1,148	1,242	1,402	1,402	1,488

## **Service Activities**

## **Environmental Protection - 564000**

			Actual	Actual	Actual	Approved	Mid-year	Proposed
	Input	Fund	FY 03	FY 04	FY 05	FY 06	FY 06	FY 07
Budget (in 000's of dollars)	General	110	781	683	717	860	860	930
Measures of Merit								
# of development projects reviewed for landfill gas safety measures		Output	67	35	73	60	30	50
# groundwater sampling events		Output	140	129	106	160	63	175
# gallons groundwater remediated & reinjected (starting FY07) (in 000's of gallons)		Output	*	*	*	*	*	140,400
# kW hours of electricity produced (as % of maximum production - starting FY07)		Output	*	*	*	*	*	350,000 @ 80% eff
# landfill gas monitoring events		Output	2,411	2,351	2,151	2,152	803	1,800
# environmental audit violation fueling facilities	s at City	Quality	0	0	0	0	0	0
% groundwater samples in com with drinking water standards	pliance	Quality	44/77	50/85	47/81	30/100	48/63	115/150

## Hazardous Waste Management - 5641000

			Actual	Actual	Actual	Approved	Mid-year	Proposed
	Input	Fund	FY 03	FY 04	FY 05	FY 06	FY 06	FY 07
Budget (in 000's of dollars)	General	110	351	408	466	483	483	496
Measures of Merit								
# of participants		Output	5,577	6,372	6,597	6,900	3,632	7,800
Pounds of household hazardous waste		Output	200,000	242,475	272,000	360,000	180,789	425,000
collected								
Gallons of abandoned hazardous		Output	*	*	*	*	*	12,600
waste/used oil collected <sup>1</sup> (starting FY07)								
Percentage household hazardous waste reused and recycled		Quality	92%	89%	91%	85%	93%	90%

# **Strategic Accomplishments**

FY 06: (1) Construction and implementation of the Los Angeles Landfill groundwater remediation system was completed; (2) Construction and implementation of the Los Angeles Landfill gas-to-energy project was completed

## **Measure Explanation Footnotes**

<sup>1</sup>Abandoned waste is distinct from household hazardous waste and must be managed separately

\* new measure implemented in FY06